



AL Series Laser Engravers



AL1525

AL2530 with conveyor



Control Panel - Online model



Control Panel - Offline model



AL1610 with automatic roll feeding and winding device



AL series is recommended when there is a need for automatic material feeding and winding for textile and paper cutting. Also suitable to install RF laser tubes up to 400W to cut thicker materials.

Large format . work area: 1300mm x 2500mm, 1600mm x 1000mm, 1600mm x 3000mm, & 2500 x 3000mm. Other sizes can be made upon request.

1. Steel frame structure for sturdy and smooth operation
2. **SERVO** motors, except AL1610
3. special design to conveniently fetch cut pieces
4. Fume Exhaust system
5. Laser tube mounted on the gantry in order to have same power all over the machine work area except AL1610
6. **Air assist** with adjustable focus system in coaxial jet air to prevent cutting edge from burning
7. **Interactive software** for easy selection of cutting parameters for different materials.
8. **Windows based CAM software** to work with most popular software such as AutoCAD, Corel Draw etc..
9. Cut **path order** can be assigned **automatically or manually**

Technical Specifications

Model	AL1610	AL1325	AL1525	AL1630	AL2530
Working area (mm)	1600 x 1000	1300 X 2500	1500 x 2500	1600 x 3000	2500 x 3000
Laser Power	40W/70W/100W/150W/200W/300W/400W				
Laser Type	CO2 –DC sealed glass or RF metal				
Max. cutting speed	800mm/sec				
Interface	USB for offline or PCI card for online				
Accuracy	+/-0.025mm				
File format	AI, BMP, PLT, DST				
Power supply	220V AC, 50Hz/60Hz				

Application:

Fabric Cutting, Leather cutting & engraving, Sign Making, Badges and Tags, Gift Engraving, Model Making, acrylic cutting etc..

Materials:

Acrylic, Bamboo, Cloth, Denim, Fiberglass, Glass, Laminated Plastic, Leather, Marble, Plastic, Paper, Rubber, Wood, MDF, Marble, Anodized Aluminium, Coated Metal, etc.

Options:

- ◇ Automatic feeding & winding device
- ◇ Water chiller Equipment: Water-cooling and protection system for laser tube
- ◇ Red-light pointer: It makes exact positioning for the processing object in a convenient way.
- ◇ Multiple head: Two to five heads can be fitted to produce multiple jobs at the same time. Each head will carry its own laser tube.

Advantages:

- ◇ **High speed** cutting for production
- ◇ **Seals edges** automatically for some materials
- ◇ **Maximizes production** efficiency
- ◇ **Minimizes defects**
- ◇ **No consumables**
- ◇ Cutting **parameters** can be **saved & recalled**
- ◇ **RF or DC** Laser Tubes